



ELSEVIER

Chemical Geology 120 (1995) 381–396

**CHEMICAL
GEOLOGY**

AN INTERNATIONAL
JOURNAL OF
ISOTOPE GEOSCIENCE

Author Index Volumes 111–120

This Author Index is a cumulative list of all Author's names with titles of their papers including (book)reviews, prefaces/introductions to special issues, etc., which were published in Volumes 111–120 of *Chemical Geology/Isotope Geoscience*. The first figure in the last column is the volume number(issue number) and the last figure indicates the page number(s). The complete title of a paper is only listed with the name of the first Author. For the year of publication of a paper the reader is referred to the list at the bottom of p. 396.

- Adam, J. and Green, T.H., The effects of pressure and temperature on the partitioning of Ti, Sr and REE between amphibole, clinopyroxene and basaltic melts 117(1/4): 219–234
- Ahlers, W.W., see Morrison, C.A. 119(1/4): 13– 29
- Ahmad, T., see Bhat, M.I. 114(3/4): 217–234
- Alexander, R., Baker, R.W., Kagi, R.I. and Warton, B., Cyclohexylbenzenes in crude oils 113(1/2): 103–115
- Alexander, R., see Chen, Z. 113(1/2): 117–132
- Allan, G.L., see Bird, M.I. * 114(3/4): 269–279
- Aller, R.C., Bioturbation and remineralization of sedimentary organic matter: effects of redox oscillation (Special Section) 114(3/4): 331–345
- Allison, G.B., see Walker, G.R. * 111(1/4): 297–306
- Altherr, R., see Class, C. 113(1/2): 1– 22
- Andersen, T., Hagelia, P. and Whitehouse, M.J., Precambrian multi-stage crustal evolution in the Bamble sector of south Norway: Pb isotopic evidence from a Sveconorwegian deep-seated granitic intrusion * 116(3/4): 327–343
- Arai, S., Characterization of spinel peridotites by olivine–spinel compositional relationships: Review and interpretation 113(3/4): 191–204
- Arndt, N.T., see McDonough, W.F. 120(3/4): iii– iv
- Arndt, N.T. and Todt, W., Formation of 1.9-Ga-old Trans-Hudson continental crust: Pb isotopic data 118(1/4): 9– 26
- Assorgia, A., see Morra, V. 118(1/4): 109–142
- Atkin, B.P. and Somerfield, C., The determination of total sulphur in geological materials by coulometric titration 111(1/4): 131–134
- Awwiller, D.N., Geochronology and mass transfer in Gulf Coast mudrocks (south-central Texas, U.S.A.): Rb–Sr, Sm–Nd and REE systematics 116(1/2): 61– 84
- Baadsgaard, H., *Proterozoic Crustal Evolution* by K.C. Condie (Editor) (Book Review) 112(1/2): 197
- Baccelle, L.S., see Nardi, S. 111(1/4): 1– 15
- Baker, R.W., see Alexander, R. 113(1/2): 103–115
- Banks, D.A., Yardley, B.W.D., Campbell, A.R. and Jarvis, K.E., REE composition of an aqueous magmatic fluid: A fluid inclusion study from the Capitan Pluton, New Mexico, U.S.A. 113(3/4): 259–272
- Baozhen, Z., see Vengosh, A. 120(1/2): 135–154
- Baragar, W.R.A., see Dupuy, C. 120(1/2): 15– 25
- Bariac, T., Gonzalez-Dunia, J., Tardieu, F., Tessier, D. and Mariotti, A., Variabilité spatiale de la composition isotopique de l'eau (^{18}O , ^2H) au sein des organes des plantes aériennes: 1. Approche en conditions contrôlées (Spatial variation of the isotopic composition of water (^{18}O , ^2H) in organs of aerophytic plants: 1. Assessment under laboratory conditions) * 115(3/4): 307–315

* Refers to *Isotope Geoscience Section*.

- Bariac, T., Gonzalez-Dunia, J., Katerji, N., Béthénod, O., Bertolini, J.M. and Mariotti, A., Variabilité spatio-temporelle de la composition isotopique de l'eau (^{18}O , ^2H) dans le continuum sol-plante-atmosphère: 2. Approche en conditions naturelles (Spatial variation of the isotopic composition of water (^{18}O , ^2H) in the soil-plant-atmosphere system: 2. Assessment under field conditions) * 115(3/4): 317–333
 119(1/4): 175–190
- Barreiro, B.A., see German, C.R.
- Barton, E.S., see Smith, C.B. * 113(1/2): 149–169
- Baskakov, A.V., see Gorokhov, I.M. 112(1/2): 71– 89
- Bates, A.L., see Spiker, E.C. 114(1/2): 115–130
- Bau, M., see Cotten, J. 119(1/4): 115–138
- Bea, F., Pereira, M.D. and Stroh, A., Mineral/leucosome trace-element partitioning in a peraluminous migmatite (a laser ablation–ICP–MS study) 117(1/4): 291–312
- Beattie, P., Systematics and energetics of trace-element partitioning between olivine and silicate melts: Implications for the nature of mineral/melt partitioning 117(1/4): 57– 71
- Bédard, J.H., A procedure for calculating the equilibrium distribution of trace elements among the minerals of cumulate rocks, and the concentration of trace elements in the coexisting liquids 118(1/4): 143–154
- Bellón, A.S., Mosser, C., Roquin, C. and Pardo, E.S., Geochemical characterization of sedimentary basins by statistical analysis: The Mio-Pliocene sequences of the Vera Basin, SE Spain 116(3/4): 229–243
- Belshaw, N.S., O'Nions, R.K., Martel, D.J. and Burton, K.W., High-resolution SIMS analysis of common lead 112(1/2): 57– 70
- Ben Othman, D., see Chabaux, F. 114(3/4): 191–197
- Ben Othman, D., see Chabaux, F. 116(3/4): 301
- Benedetti, M.F., Menard, O., Noack, Y., Carvalho, A. and Nahon, D., Water–rock interactions in tropical catchments: field rates of weathering and biomass impact 118(1/4): 203–220
- Bergeron, M., see Tremblay, A. 113(3/4): 205–220
- Berner, R.A., see Raiswell, R. 111(1/4): 101–110
- Bertolini, J.M., see Bariac, T. 115(3/4): 317–333
- Bertrand, C., Fritz, B. and Sureau, J.F., Hydrothermal experiments and thermo-kinetic modelling of water–sandstone interactions 116(3/4): 189–202
- Besch, T., see Schaaf, P. 118(1/4): 63– 84
- Béthénod, O., see Bariac, T. * 115(3/4): 317–333
- Beunk, F.F., see Valbracht, P.J. 112(1/2): 21– 37
- Beveridge, T.J., see Urrutia, M.M. 116(3/4): 261–280
- Bevier, M.L., see Roddick, J.C. 119(1/4): 307–329
- Bhandari, N., Gupta, M., Pandey, J. and Shukla, P.N., Chemical profiles in K/T boundary section of Meghalaya, India: cometary, asteroidal or volcanic 113(1/2): 45– 60
- Bhat, M.I., Le Fort, P. and Ahmad, T., Bafliaz volcanics, NW Himalaya: origin of a bimodal, tholeiite and alkali basalt suite 114(3/4): 217–234
- Bickle, M.J., see Gilbert, J.S. 111(1/4): 207–226
- Bifano, C., see Mogollón, J.L. 114(1/2): 69– 82
- Bifano, C., see García, B. 118(1/4): 271–287
- Binda, P.L., see Nardi, S. 111(1/4): 1– 15
- Birck, J.L., see Chabaux, F. 114(3/4): 191–197
- Birck, J.L., see Chabaux, F. 116(3/4): 301
- Bird, M.I., Quade, J., Chivas, A.R., Fifield, L.K., Allan, G.L. and Head, M.J., The carbon isotope composition of organic matter occluded in iron nodules * 114(3/4): 269–279
- Blackburn, W.H., Metcalf, R.V. and Ragland, P.C., Geochemical evolution of the Precambrian Old Rag Granite, Virginia, U.S.A.: testing a U–Th exploration model 111(1/4): 177–206
- Blusztajn, J. and Shimizu, N., The trace-element variations in clinopyroxenes from spinel peridotite xenoliths from southwest Poland 111(1/4): 227–243
- Bodur, M.N. and Ergin, M., Geochemical characteristics of the recent sediments from the Sea of Marmara . 115(1/2): 73–101
- Boehler, R., Chopelas, A. and Zerr, A., Temperature and chemistry of the core–mantle boundary 120(3/4): 199–205
- Bohn, M., see Cotten, J. 119(1/4): 115–138
- Borisov, A., see O'Neill, H. St.C. 120(3/4): 255–273
- Börner, I., see Morgenstern, U. 120(1/2): 127–134
- Bottazzi, P., see Vannucci, R. 118(1/4): 85–108
- Botz, R., see Stoffers, P. 115(1/2): 117–122
- Boudreau, A.E., see Braun, K. 113(3/4): 245–257
- Boulègue, J., see Pflumio, C. 116(1/2): 85–109
- Bowins, R.J. and Crockett, J.H., Sulfur and carbon isotopes in Archean banded iron formations: Implications for sulfur sources * 111(1/4): 307–323
- Boyd, S.R., Pineau, F. and Javoy, M., Modelling the growth of natural diamonds 116(1/2): 29– 42

- Boyd, S.R. and Pillinger, C.T., A preliminary study of $^{15}\text{N}/^{14}\text{N}$ in octahedral growth form diamonds 116(1/2): 43– 59
- Bradshaw, J.D., see Muir, R.J. * 113(1/2): 171–189
- Braun, K., Meurer, W., Boudreau, A.E. and McCallum, I.S., Compositions of pegmatoids beneath the J-M Reef of the Stillwater Complex, Montana, U.S.A. 113(3/4): 245–257
- Bristow, J.W., see Smith, C.B. * 113(1/2): 149–169
- Bröcker, M., see Klemm, R. 119(1/4): 101–113
- Brousse, R., see Cotten, J. 119(1/4): 115–138
- Brown, E.T., see Trull, T.W. 119(1/4): 191–207
- Buhay, W.M., see Edwards, T.W.D. * 114(1/2): 179–183
- Burke, W.H., see Denison, R.E. * 112(1/2): 145–167
- Burkhard, M., see Huon, S. * 113(3/4): 347–376
- Burns, S.J., Haudenschild, U. and Matter, A., The strontium isotopic composition of carbonates from the late Precambrian (~560–540 Ma) Huqf Group of Oman * 111(1/4): 269–282
- Burton, K.W., see Belshaw, N.S. 112(1/2): 57– 70
- Bustin, R.M., see Mastalerz, M. 115(3/4): 249–262
- Büttner, H., see Roselieb, K. 120(1/2): 1– 14
- Callaway, W.S., see Denison, R.E. * 112(1/2): 131–143
- Camiré, G., La Flèche, M.R. and Jenner, G.A., Geochemistry of pre-Taconian mafic volcanism in the Humber Zone of the northern Appalachians, Québec, Canada 119(1/4): 55– 77
- Campbell, A.R., see Banks, D.A. 113(3/4): 259–272
- Canfield, D.E., see Raiswell, R. 111(1/4): 101–110
- Canfield, D.E., Factors influencing organic carbon preservation in marine sediments (Special Section) 114(3/4): 315–329
- Cann, J.R., see Valsami, E. 114(3/4): 235–266
- Capobianco, C.J., Hervig, R.L. and Drake, M.J., Experiments on crystal/liquid partitioning of Ru, Rh and Pd for magnetite and hematite solid solutions crystallized from silicate melt 113(1/2): 23– 43
- Caroff, M., see Cotten, J. 119(1/4): 115–138
- Carroll, M.R. and Draper, D.S., Noble gases as trace elements in magmatic processes 117(1/4): 37– 56
- Carvalho, A., see Benedetti, M.F. 118(1/4): 203–220
- Casabona, D., see Casas, I. 113(3/4): 319–326
- Casas, I., Casabona, D., Duro, L. and de Pablo, J., The influence of hematite on the sorption of uranium(VI) onto granite filling fractures 113(3/4): 319–326
- Casquet, C., see Galindo, C. * 112(3/4): 351–364
- Cavazzini, G., Increase of $^{87}\text{Sr}/^{86}\text{Sr}$ in residual liquids of high-Rb/Sr magmas that evolve by fractional crystallization * 118(1/4): 319–324
- Chabaux, F., Ben Othman, D. and Birk, J.L., A new Ra–Ba chromatographic separation and its application to Ra mass-spectrometric measurement in volcanic rocks (Letter Section) 114(3/4): 191–197
- Chabaux, F., Ben Othman, D. and Birk, J.L., A new Ra–Ba chromatographic separation and its application to Ra mass-spectrometric measurement in volcanic rocks (Erratum) 116(3/4): 301
- Chai, G. and Eckstrand, R., Rare-earth element characteristics and origin of the Sudbury Igneous Complex, Ontario, Canada 113(3/4): 221–244
- Chapman, H.J., see Gilbert, J.S. 111(1/4): 207–226
- Chauvel, C., see Hémond, C. 115(1/2): 7– 45
- Chen, C.-H., see Chung, S.-L. 112(1/2): 1– 20
- Chen, C.-H., see Lo, C.-H. * 114(1/2): 157–178
- Chen, Y., see Li, S. * 112(3/4): 343–350
- Chen, Z., Guangjia, Z. and Alexander, R., A biomarker study of immature crude oils from the Shengli oilfield, People's Republic of China 113(1/2): 117–132
- Chivas, A.R., see Bird, M.I. * 114(3/4): 269–279
- Chivas, A.R., see Vengosh, A. 120(1/2): 135–154
- Chopelas, A., see Boehler, R. 120(3/4): 199–205
- Chung, S.-L., Sun, S.-s., Tu, K., Chen, C.-H. and Lee, C.-y., Late Cenozoic basaltic volcanism around the Taiwan Strait, SE China: Product of lithosphere–asthenosphere interaction during continental extension . 112(1/2): 1– 20
- Clark, T.C., see Smith, C.B. * 113(1/2): 149–169
- Class, C., Altherr, R., Volker, F., Eberz, G. and McCulloch, M.T., Geochemistry of Pliocene to Quaternary alkali basalts from the Huri Hills, northern Kenya 113(1/2): 1– 22
- Clauer, N., see Gorokhov, I.M. 112(1/2): 71– 89
- Cocherie, A., Rossi, Ph., Fouillac, A.M. and Vidal, Ph., Crust and mantle contributions to granite genesis — An example from the Variscan batholith of Corsica, France, studied by trace-element and Nd–Sr–O-isotope systematics 115(3/4): 173–211

- Cole, D.R., Evidence for oxygen isotope disequilibrium in selected geothermal and hydrothermal ore deposit systems * 111(1/4): 283–296
- Concheri, G., see Nardi, S. 111(1/4): 1–15
- Condomines, M., see Hémond, C. 116(3/4): 163–180
- Condomines, M., see Hémond, C. 120(1/2): 171
- Cosca, M.A. and O'Nions, R.K., A re-examination of the influence of composition on argon retentivity in metamorphic calcic amphiboles 112(1/2): 39–56
- Cotten, J., Le Dez, A., Bau, M., Caroff, M., Maury, R.C., Dulski, P., Fourcade, S., Bohn, M. and Brousse, R., Origin of anomalous rare-earth element and yttrium enrichments in subaerially exposed basalts: Evidence from French Polynesia 119(1/4): 115–138
- Coyle, D.A. and Powell, R., On the use of 60°C "cooling ages" obtained using projected fission-track lengths in apatite * 111(1/4): 263–267
- Criss, R.E., see Rose, T.P. * 114(1/2): 185–189
- Crocket, J.H., see Bowins, R.J. * 111(1/4): 307–323
- Cruz, C., see López, L. 119(1/4): 255–262
- Cullers, R.L., The chemical signature of source rocks in size fractions of Holocene stream sediment derived from metamorphic rocks in the Wet Mountains region, Colorado, U.S.A. 113(3/4): 327–343
- Cummins, D.I. and Elderfield, H., The strontium isotopic composition of Brigantian (late Dinantian) seawater 118(1/4): 255–270
- Cuvellier, H., see Jahn, B.-m. * 115(1/2): 125–151
- d'Angelo, W., see Simon, N.S. 116(1/2): 123–135
- Darbyshire, D.P.F., see Galindo, C. * 112(3/4): 351–364
- Dautel, D., see Dupuy, C. 120(1/2): 15–25
- Davies, H.L., see Mahoney, J.J. 120(3/4): 315–345
- Davies, J.F. and Whitehead, R.E., Molar ratios in the study of unaltered and hydrothermally altered greywackes and shales 111(1/4): 85–100
- Davis, J.M. and Hawkesworth, C.J., Geochemical and tectonic transitions in the evolution of the Mogollon–Datil Volcanic Field, New Mexico, U.S.A. 119(1/4): 31–53
- Dawson, J.B., Smith, J.V. and Steele, I.M., Trace-element distribution between coexisting perovskite, apatite and titanite from Oldoinyo Lengai, Tanzania 117(1/4): 285–290
- de Pablo, J., see Casas, I. 113(3/4): 319–326
- Defant, M.J., see Fourcade, S. 114(3/4): 199–215
- Delgado, A., see Torres-Ruiz, J. 112(3/4): 221–245
- Demas, C., see Simon, N.S. 116(1/2): 123–135
- Denison, R.E., Koepnick, R.B., Fletcher, A., Howell, M.W. and Callaway, W.S., Criteria for the retention of original seawater $^{87}\text{Sr}/^{86}\text{Sr}$ in ancient shelf limestones * 112(1/2): 131–143
- Denison, R.E., Koepnick, R.B., Burke, W.H., Hetherington, E.A. and Fletcher, A., Construction of the Mississippian, Pennsylvanian and Permian seawater $^{87}\text{Sr}/^{86}\text{Sr}$ curve * 112(1/2): 145–167
- Des Marais, D.J., Tectonic control of the crustal organic carbon reservoir during the Precambrian (Special Section) 114(3/4): 303–314
- DeVries, M., see Maher, W.A. 112(1/2): 91–104
- Devey, C.W., see Hémond, C. 115(1/2): 7–45
- Dingwell, D.B., see Knoche, R. 116(1/2): 1–16
- Dingwell, D.B., see O'Neill, H. St.C. 120(3/4): 255–273
- Disnar, J.R., Determination of maximum paleotemperatures of burial (MPTB) of sedimentary rocks from pyrolysis data on the associated organic matter: basic principles and practical application 118(1/4): 289–299
- Dostal, J., see Dupuy, C. 120(1/2): 15–25
- Downes, H., see Vannucci, R. 118(1/4): 85–108
- Drake, M.J., see Capobianco, C.J. 113(1/2): 23–43
- Draper, D.S., see Carroll, M.R. 117(1/4): 37–56
- Dubessy, J., see Frantz, J.D. 116(3/4): 181–188
- Dubois, M., Weisbrod, A. and Shtuka, A., Experimental determination of the two-phase (liquid and vapour) region in water–alkali chloride binary systems at 500° and 600°C using synthetic fluid inclusions 115(3/4): 227–238
- Dugdale, R.E., see Plater, A.J. * 119(1/4): 275–292
- Dulski, P., see Cotten, J. 119(1/4): 115–138
- Dunphy, J.M., Ludden, J.N. and Francis, D., Geochemistry of mafic magmas from the Ungava orogen, Québec, Canada and implications for mantle reservoir compositions at 2.0 Ga 120(3/4): 361–380
- Dupuy, C., see Vannucci, R. 118(1/4): 85–108

- Dupuy, C., Michard, A., Dostal, J., Dautel, D. and Baragar, W.R.A., Isotope and trace-element geochemistry of Proterozoic Natkusiak flood basalts from the northwestern Canadian Shield 120(1/2): 15–25
- Duro, L., see Casas, I. 113(3/4): 319–326
- Duthou, J.-L., see Poitrasson, F. 112(3/4): 199–219
- Dyrstad, K., see Greibrokk, T. 116(3/4): 281–299
- Eberz, G., see Class, C. 113(1/2): 1–22
- Ebihara, M., see Shinonaga, T. 115(3/4): 213–225
- Eckstrand, R., see Chai, G. 113(3/4): 221–244
- Edwards, T.W.D., Buhay, W.M., Elgood, R.J. and Jiang, H.B., An improved nickel-tube pyrolysis method for oxygen isotope analysis of organic matter and water (Technical Note) * 114(1/2): 179–183
- Eggenkamp, H.G.M., Middelburg, J.J. and Kreulen, R., Preferential diffusion of ³⁵Cl relative to ³⁷Cl in sediments of Kau Bay, Halmahera, Indonesia * 116(3/4): 317–325
- Elderfield, H., see Cummins, D.I. 118(1/4): 255–270
- Elgood, R.J., see Edwards, T.W.D. * 114(1/2): 179–183
- Elliot, T. and Younger, P.L., Recent localised sulphate reduction and pyrite formation in a fissured Chalk aquifer — Comments (Discussion) 114(1/2): 131–136
- Engel, M.H., see Macko, S.A. 114(3/4): 365–379
- Ergin, M., see Bodur, M.N. 115(1/2): 73–101
- Eskenazy, G.M., Geochemistry of arsenic and antimony in Bulgarian coals 119(1/4): 239–254
- Evans, W.R., see Jones, B.F. 111(1/4): 135–154
- Évrard, M., see Gassama, N. 118(1/4): 221–233
- Ewart, A. and Griffin, W.L., Application of proton-microprobe data to trace-element partitioning in volcanic rocks 117(1/4): 251–284
- Farrimond, P., Stoddart, D.P. and Jenkyns, H.C., An organic geochemical profile of the Toarcian anoxic event in northern Italy 111(1/4): 17–33
- Fein, J.B., Porosity enhancement during clastic diagenesis as a result of aqueous metal-carboxylate complexation: Experimental studies (Review Paper) 115(3/4): 263–279
- Fifield, L.K., see Bird, M.I. * 114(3/4): 269–279
- Fisk, M.R., see Forsythe, L.M. 117(1/4): 107–126
- Fisk, M.R., see Nielsen, R.L. 117(1/4): 167–191
- Fletcher, A., see Denison, R.E. * 112(1/2): 131–143
- Fletcher, A., see Denison, R.E. * 112(1/2): 145–167
- Flicoteaux, R., see Walter, A.-V. 120(1/2): 27–44
- Foley, S.F., see Horn, I. 117(1/4): 193–218
- Foley, S.F. and Van der Laan, S.R. (Guest-Editors), Preface to Special Issue "Trace-element Partitioning with Application to Magmatic Processes" 117(1/4): vii–xiv
- Forsythe, L.M., Nielsen, R.L. and Fisk, M.R., High-field-strength element partitioning between pyroxene and basaltic to dacitic magmas 117(1/4): 107–126
- Forsythe, L.M., see Nielsen, R.L. 117(1/4): 167–191
- Fortier, S.M., An on-line experimental/analytical method for measuring the kinetics of oxygen isotope exchange between CO₂ and saline/hypersaline salt solutions at low (25–50°C) temperatures (Technical Note) * 116(1/2): 155–162
- Fouillac, A.M., see Cocherie, A. 115(3/4): 173–211
- Fourcade, S., Maury, R.C., Defant, M.J. and McDermott, F., Mantle metasomatic enrichment versus arc crust contamination in the Philippines: Oxygen isotope study of Batan ultramafic nodules and northern Luzon arc lavas 114(3/4): 199–215
- Fourcade, S., see Cotten, J. 119(1/4): 115–138
- Francis, D., see Dunphy, J.M. 120(3/4): 361–380
- Frantz, J.D., Dubessy, J. and Mysen, B.O., Ion-pairing in aqueous MgSO₄ solutions along an isochore to 500°C and 11 kbar using Raman spectroscopy in conjunction with the diamond-anvil cell 116(3/4): 181–188
- Freedman, Y.E., Magaritz, M., Long, G.L. and Ronen, D., Interaction of metals with mineral surfaces in a natural groundwater environment 116(1/2): 111–121
- Frey, F.A., see Mahoney, J.J. 120(3/4): 315–345
- Fritz, B., see Bertrand, C. 116(3/4): 189–202
- Furnes, H., see Thorseth, I.H. 119(1/4): 139–160
- Fyfe, W.S., see Konhauser, K.O. 111(1/4): 155–175
- Galarraga, F., see López, L. 119(1/4): 255–262

- Galindo, C., Tornos, F., Darbyshire, D.P.F. and Casquet, C., The age and origin of the barite-fluorite (Pb–Zn) veins of the Sierra del Guadarrama (Spanish Central System, Spain): a radiogenic (Nd, Sr) and stable isotope study * 112(3/4): 351–364
- Gallahan, W.E., see Nielsen, R.L. 117(1/4): 167–191
- García, B., Mogollón, J.L., López, L., Rojas, A. and Bifano, C., Humic and fulvic acid characterization in sediments from a contaminated tropical river 118(1/4): 271–287
- Gassama, N., Sarazin, G. and Évrard, M., The distribution of Ni and Co in a eutrophic lake: an application of a square-wave voltammetry method 118(1/4): 221–233
- Gebauer, D., see Nögler, Th.F. * 112(1/2): 194–195
- Gellermann, R., see Morgenstern, U. 120(1/2): 127–134
- German, C.R., Barreiro, B.A., Higgs, N.C., Nelsen, T.A., Ludford, E.M. and Palmer, M.R., Seawater-metasomatism in hydrothermal sediments (Escanaba Trough, northeast Pacific) 119(1/4): 175–190
- Gilbert, J.S., Bickle, M.J. and Chapman, H.J., The origin of Pyrenean Hercynian volcanic rocks (France–Spain): REE and Sm–Nd isotope constraints 111(1/4): 207–226
- Glasby, G.P., see Szefer, P. 120(1/2): 111–126
- Godgul, G., see Prusty, B.G. 112(3/4): 275–291
- Godgul, G., see Sahu, K.C. 112(3/4): 293–307
- Gonzalez-Dunia, J., see Bariac, T. * 115(3/4): 307–315
- Gonzalez-Dunia, J., see Bariac, T. * 115(3/4): 317–333
- González-López, J.M., see Torres-Ruiz, J. 112(3/4): 221–245
- Goodarzi, F. and Swaine, D.J., The influence of geological factors on the concentration of boron in Australian and Canadian coals 118(1/4): 301–318
- Gorokhov, I.M., Clauer, N., Turchenko, T.L., Melnikov, N.N., Kutayin, E.P., Pirrus, E. and Baskakov, A.V., Rb–Sr systematics of Vendian–Cambrian claystones from the east European Platform: implications for a multi-stage illite evolution 112(1/2): 71–89
- Götte, J. and Lewis, R., Distribution of REE and trace elements in size and mineral fractions of high-purity quartz sands 114(1/2): 43–57
- Green, T., see Vicenzi, E. 117(1/4): 355–360
- Green, T.H., Experimental studies of trace-element partitioning applicable to igneous petrogenesis — Sedona 16 years later 117(1/4): 1–36
- Green, T.H., see Adam, J. 117(1/4): 219–234
- Green, T.H., Significance of Nb/Ta as an indicator of geochemical processes in the crust–mantle system 120(3/4): 347–359
- Greibrokk, T., Lundanes, E., Norli, H.R., Dyrstad, K. and Olsen, S.D., Experimental simulation of oil migration — Distribution effects on organic compound groups and on metal/metal ratios 116(3/4): 281–299
- Griffin, W.L., see Ewart, A. 117(1/4): 251–284
- Grove, T.L., see Hauri, E.H. 117(1/4): 149–166
- Groves, D.I., see Ho, S.E. 111(1/4): 57–84
- Guangjia, Z., see Chen, Z. 113(1/2): 117–132
- Gupta, M., see Bhandari, N. 113(1/2): 45–60
- Hack, P.J., Nielsen, R.L. and Johnston, D.A., Experimentally determined rare-earth element and Y partitioning behavior between clinopyroxene and basaltic liquids at pressures up to 20 kbar 117(1/4): 89–105
- Hagedorn, B., see Lippolt, H.J. * 112(1/2): 179–191
- Hagelia, P., see Andersen, T. * 116(3/4): 327–343
- Hall, A., Stamatakis, M.G. and Walsh, J.N., Ammonium enrichment associated with diagenetic alteration in Tertiary pyroclastic rocks from Greece 118(1/4): 173–183
- Hall, G.E.M. and Pelchat, J.C., Analysis of geological materials for gold, platinum and palladium at low ppb levels by fire assay–ICP mass spectrometry 115(1/2): 61–72
- Hall, G.E.M., Vaive, J.E. and McConnell, J.W., Development and application of a sensitive and rapid analytical method to determine the rare-earth elements in surface waters 120(1/2): 91–109
- Hanor, J.S., see Jones, B.F. 111(1/4): 135–154
- Hanson, G.N., see Hemming, N.G. * 114(1/2): 147–156
- Harte, B., see Witt-Eickchen, G. 117(1/4): 235–250
- Hasebe, N., Tagami, T. and Nishimura, S., Towards zircon fission-track thermochronology: Reference framework for confined track length measurements * 112(1/2): 169–178
- Hasebe, N., Tagami, T. and Nishimura, S., Towards zircon fission-track thermochronology: Reference framework for confined track length measurements (Erratum) * 114(3/4): 281
- Haudenschild, U., see Burns, S.J. * 111(1/4): 269–282
- Hauri, E.H., Wagner, T.P. and Grove, T.L., Experimental and natural partitioning of Th, U, Pb and other trace elements between garnet, clinopyroxene and basaltic melts 117(1/4): 149–166

- Hawkesworth, C., see Turner, S. 120(3/4): 295–314
- Hawkesworth, C.J., see Davis, J.M. 119(1/4): 31– 53
- Hawkesworth, C.J., see Huang, Y.-M. 119(1/4): 79– 99
- Head, M.J., see Bird, M.I. * 114(3/4): 269–279
- Hebert, D., see Morgenstern, U. 120(1/2): 127–134
- Heinrich, W., see Schaaf, P. 118(1/4): 63– 84
- Hemming, N.G. and Hanson, G.N., A procedure for the isotopic analysis of boron by negative thermal ionization mass spectrometry * 114(1/2): 147–156
- Hémond, C., Devey, C.W. and Chauvel, C., Source compositions and melting processes in the Society and Austral plumes (South Pacific Ocean): Element and isotope (Sr, Nd, Pb, Th) geochemistry 115(1/2): 7– 45
- Hémond, C., Hofmann, A.W., Heusser, G., Condomines, M., Raczek, I. and Rhodes, M.J., U–Th–Ra systematics in Kilauea and Mauna Loa basalts, Hawaii 116(3/4): 163–180
- Hémond, C., Hofmann, A.W., Heusser, G., Condomines, M., Raczek, I. and Rhodes, M.J., Erratum to “U–Th–Ra systematics in Kilauea and Mauna Loa basalts, Hawaii” (Erratum) 120(1/2): 171
- Hervig, R.L., see Capobianco, C.J. 113(1/2): 23– 43
- Hetherington, E.A., see Denison, R.E. * 112(1/2): 145–167
- Heumann, K.G., see Shinonaga, T. 115(3/4): 213–225
- Heusser, G., see Hémond, C. 116(3/4): 163–180
- Heusser, G., see Hémond, C. 120(1/2): 171
- Hickmott, D., see Stimac, J. 117(1/4): 313–330
- Higgs, N.C., see German, C.R. 119(1/4): 175–190
- Hiyagon, H., Constraints on rare gas partition coefficients from analysis of olivine–glass from a picritic mid-ocean ridge basalt — Comments (Discussion) 112(1/2): 119–122
- Ho, E.S. and Meyers, P.A., Variability of early diagenesis in lake sediments: Evidence from the sedimentary geolipid record in an isolated tarn 112(3/4): 309–324
- Ho, S.E., McNaughton, N.J. and Groves, D.I., Criteria for determining initial lead isotopic compositions of pyrite in Archaean lode–gold deposits: a case study at Victory, Kambalda, Western Australia 111(1/4): 57– 84
- Hofmann, A.W., see Hémond, C. 116(3/4): 163–180
- Hofmann, A.W., see Hémond, C. 120(1/2): 171
- Horn, I., Foley, S.F., Jackson, S.E. and Jenner, G.A., Experimentally determined partitioning of high field strength- and selected transition elements between spinel and basaltic melt 117(1/4): 193–218
- Howell, M.W., see Denison, R.E. * 112(1/2): 131–143
- Huang, W.W., see Zhang, J. 114(1/2): 83– 94
- Huang, Y.-M., Hawkesworth, C.J., van Calsteren, P. and McDermott, F., Geochemical characteristics and origin of the Jacupiranga carbonatites, Brazil 119(1/4): 79– 99
- Hunziker, J.-C., see Huon, S. * 113(3/4): 347–376
- Huon, S., Burkhard, M. and Hunziker, J.-C., Mineralogical, K–Ar, stable and Sr isotope systematics of K-white micas during very low-grade metamorphism of limestones (Helvetic nappes, western Switzerland) * 113(3/4): 347–376
- Inoue, H.Y. and Mook, W.G., Equilibrium and kinetic nitrogen and oxygen isotope fractionations between dissolved and gaseous N₂O * 113(1/2): 135–148
- Ionov, D.A., Prikhod'ko, V.S. and O'Reilly, S.Y., Peridotite xenoliths in alkali basalts from the Sikhote-Alin, southeastern Siberia, Russia: trace-element signatures of mantle beneath a convergent continental margin 120(3/4): 275–294
- Ireland, T.R., see Muir, R.J. * 113(1/2): 171–189
- Irwin, J.J., A laser microprobe, mass spectrometric study of Ar, Kr, K, Cl and Br in an “unconformity garnet”, associated fluid inclusions, staurolite and micas from Vermont, U.S.A. * 115(1/2): 153–170
- Ivanovich, M., see Plater, A.J. * 119(1/4): 275–292
- Jackson, S.E., see Horn, I. 117(1/4): 193–218
- Jahn, B.-m. and Cuvelier, H., Pb–Pb and U–Pb geochronology of carbonate rocks: an assessment * 115(1/2): 125–151
- James Hendry, M., see Van Stempvoort, D.R. 111(1/4): 35– 56
- Jarvis, K.E., see Banks, D.A. 113(3/4): 259–272
- Javoy, M., see Boyd, S.R. 116(1/2): 29– 42
- Jenkyns, H.C., see Farrimond, P. 111(1/4): 17– 33
- Jenner, G.A., see Horn, I. 117(1/4): 193–218
- Jenner, G.A., see Camiré, G. 119(1/4): 55– 77
- Jézéquel, D., see Michard, G. 115(1/2): 103–115
- Jiang, H.B., see Edwards, T.W.D. * 114(1/2): 179–183
- Johannesson, K.H. and Lyons, B.W., Rare-earth element geochemistry of Colour Lake, an acidic freshwater lake on Axel Heiberg Island, Northwest Territories, Canada 119(1/4): 209–223

- Johnson, A.C., see Kimblin, R.T. 114(1/2): 137–144
 Johnston, D.A., see Hack, P.J. 117(1/4): 89–105
 Jones, B. and Manning, D.A.C., Comparison of geochemical indices used for the interpretation of palaeoredox conditions in ancient mudstones 111(1/4): 111–129
 Jones, B.F., Hanor, J.S. and Evans, W.R., Sources of dissolved salts in the central Murray Basin, Australia .. 111(1/4): 135–154
 Jones, W.B., see Mahoney, J.J. 120(3/4): 315–345
- Kagi, R.I., see Alexander, R. 113(1/2): 103–115
 Kaliszan, R., see Szefer, P. 120(1/2): 111–126
 Kaneoka, I., see Shibata, K. * 115(3/4): 297–306
 Katerji, N., see Bariac, T. * 115(3/4): 317–333
 Kato, T., see Ohtani, E. 120(3/4): 207–221
 Kaufman, A., Ku, T.-L. and Luo, S., Uranium-series dating of carnotites: concordance between ^{230}Th and ^{231}Pa ages * 120(1/2): 175–181
 Keays, R.R., see Peach, C.L. 117(1/4): 361–377
 Kennedy, A.K., Lofgren, G.E. and Wasserburg, G.J., Trace-element partition coefficients for perovskite and hibonite in meteorite compositions 117(1/4): 379–390
 Keppler, H., Partitioning of phosphorus between melt and fluid in the system haplogranite– H_2O – P_2O_5 117(1/4): 345–353
 Kim, H.-S., see Lee, S.-G. 114(1/2): 59–67
 Kimblin, R.T. and Johnson, A.C., Recent localised sulphate reduction and pyrite formation in a fissured Chalk aquifer — Reply: Reduction–oxidation reactions in the London Basin aquifer system — how may they be investigated? (Discussion) 114(1/2): 137–144
 Klemd, R., Bröcker, M. and Schramm, J., Characterisation of amphibolite-facies fluids of Variscan eclogites from the Orlica-Snieżnik dome (Sudetes, SW Poland) 119(1/4): 101–113
 Knoche, R., Dingwell, D.B., Seifert, F.A. and Webb, S.L., Non-linear properties of supercooled liquids in the system Na_2O – SiO_2 116(1/2): 1–16
 Koepnick, R.B., see Denison, R.E. * 112(1/2): 131–143
 Koepnick, R.B., see Denison, R.E. * 112(1/2): 145–167
 Kohn, S.C. and Schofield, P.F., The importance of melt composition in controlling trace-element behaviour: an experimental study of Mn and Zn partitioning between forsterite and silicate melts 117(1/4): 73–87
 Kolodny, Y., see Vengosh, A. 120(1/2): 135–154
 Konhauser, K.O., Fyfe, W.S. and Kronberg, B.I., Multi-element chemistry of some Amazonian waters and soils 111(1/4): 155–175
 Kotzer, T.G. and Kyser, T.K., Petrogenesis of the Proterozoic Athabasca Basin, northern Saskatchewan, Canada, and its relation to diagenesis, hydrothermal uranium mineralization and paleohydrogeology 120(1/2): 45–89
 Kreulen, R., see Eggenkamp, H.G.M. * 116(3/4): 317–325
 Krishnaswami, S., see Pande, K. 116(3/4): 245–259
 Kronberg, B.I., see Konhauser, K.O. 111(1/4): 155–175
 Krouse, H.R., see Van Stempvoort, D.R. 111(1/4): 35–56
 Ku, T.-L., see Kaufman, A. * 120(1/2): 175–181
 Kutayavin, E.P., see Gorokhov, I.M. 112(1/2): 71–89
 Kyser, T.K., see Kotzer, T.G. 120(1/2): 45–89
- La Flèche, M.R., see Camiré, G. 119(1/4): 55–77
 Laffèche, M.R., see Tremblay, A. 113(3/4): 205–220
 Lambert, D.D., see Morrison, C.A. 119(1/4): 13–29
 Le Dez, A., see Cotten, J. 119(1/4): 115–138
 Le Fort, P., see Bhat, M.I. 114(3/4): 217–234
 Lee, C. (Guest-Editor), Controls on carbon preservation — New perspectives (Special Section) 114(3/4): 285–288
 Lee, C.-y., see Chung, S.-L. 112(1/2): 1–20
 Lee, S.-G., Masuda, A. and Kim, H.-S., An early Proterozoic leuco-granitic gneiss with the REE tetrad phenomenon 114(1/2): 59–67
 Lee, T., see Lo, C.-H. * 114(1/2): 157–178
 Leitz, M., see Lippolt, H.J. * 112(1/2): 179–191
 Lenoble, M., see Marty, B. * 120(1/2): 183–195
 Lewis, R., see Götze, J. 114(1/2): 43–57
 Li, S., Wang, S., Chen, Y., Liu, D., Qiu, J., Zhou, H. and Zhang, Z., Excess argon in phengite from eclogite: Evidence from dating of eclogite minerals by Sm–Nd, Rb–Sr and $^{40}\text{Ar}/^{39}\text{Ar}$ methods * 112(3/4): 343–350
 Li, X., A comprehensive U–Pb, Sm–Nd, Rb–Sr and $^{40}\text{Ar}/^{39}\text{Ar}$ geochronological study on Guidong Granodiorite, southeast China: Records of multiple tectonothermal events in a single pluton * 115(3/4): 283–295

- Lippolt, H.J., Leitz, M., Wernicke, R.S. and Hagedorn, B., (Uranium + thorium)/helium dating of apatite: experience with samples from different geochemical environments * 112(1/2): 179–191
 Lira, A., see López, L. 119(1/4): 255–262
- Liu, C.-Q., Masuda, A. and Xie, G.-H., Major- and trace-element compositions of Cenozoic basalts in eastern China: Petrogenesis and mantle source 114(1/2): 19– 42
 Liu, D., see Li, S. * 112(3/4): 343–350
- Lo, C.-H., Onstott, T.C., Chen, C.-H. and Lee, T., An assessment of $^{40}\text{Ar}/^{39}\text{Ar}$ dating for the whole-rock volcanic samples from the Luzon Arc near Taiwan * 114(1/2): 157–178
 Lo, C.-H., see Yui, T.-F. 118(1/4): 185–202
 Lo Mónaco, S., see López, L. 119(1/4): 255–262
- Lofgren, G.E., see Kennedy, A.K. 117(1/4): 379–390
 Long, G.L., see Freedman, Y.E. 116(1/2): 111–121
 López, L., see García, B. 118(1/4): 271–287
- López, L., Lo Mónaco, S., Galarraga, F., Lira, A. and Cruz, C., V/Ni ratio in maltene and asphaltene fractions of crude oils from the west Venezuelan basin: correlation studies 119(1/4): 255–262
 López-Galindo, A., see Torres-Ruiz, J. 112(3/4): 221–245
 Loubet, M., see Walter, A.-V. 120(1/2): 27– 44
- Lu, C.-Y., see Yui, T.-F. 118(1/4): 185–202
 Ludden, J.N., see Dunphy, J.M. 120(3/4): 361–380
 Ludford, E.M., see German, C.R. 119(1/4): 175–190
- Lundanes, E., see Greibrokk, T. 116(3/4): 281–299
 Luo, S., see Kaufman, A. * 120(1/2): 175–181
 Lussiez, P., see Marty, B. 112(1/2): 122–127
 Lyons, B.W., see Johannesson, K.H. 119(1/4): 209–223
- McCallum, I.S., see Braun, K. 113(3/4): 245–257
 McConnell, J.W., see Hall, G.E.M. 120(1/2): 91–109
 McCulloch, M.T., see Class, C. 113(1/2): 1– 22
- McDermott, F., see Fourcade, S. 114(3/4): 199–215
 McDermott, F., see Huang, Y.-M. 119(1/4): 79– 99
 McDonough, W.F. and Sun, S.-s., The composition of the Earth 120(3/4): 223–253
 McDonough, W.F., Arndt, N.T. and Shirey, S. (Editors), Preface to Special Issue “Chemical Evolution of the Mantle” 120(3/4): iii– iv
- McMurtry, G.M., see Stüben, D. 113(3/4): 273–296
 McNaughton, N.J., see Ho, S.E. 111(1/4): 57– 84
 McNutt, R.H., see Tremblay, A. 113(3/4): 205–220
- Macko, S.A., Engel, M.H. and Qian, Y., Early diagenesis and organic matter preservation — a molecular stable carbon isotope perspective (Special Section) 114(3/4): 365–379
 Magaritz, M., see Freedman, Y.E. 116(1/2): 111–121
- Maher, W.A. and DeVries, M., The release of phosphorus from oxygenated estuarine sediments 112(1/2): 91–104
 Mahoney, J.J., Jones, W.B., Frey, F.A., Salters, V.J.M., Pyle, D.G. and Davies, H.L., Geochemical characteristics of lavas from Broken Ridge, the Naturaliste Plateau and southernmost Kerguelen Plateau: Cretaceous plateau volcanism in the southeast Indian Ocean 120(3/4): 315–345
- Makishima, A. and Masuda, A., Ce isotope ratios of N-type MORB 118(1/4): 1– 8
 Mancini, F., see Marshall, B. 116(3/4): 203–227
 Manning, D.A.C., see Jones, B. 111(1/4): 111–129
- Mariotti, A., see Bariac, T. * 115(3/4): 307–315
 Mariotti, A., see Bariac, T. * 115(3/4): 317–333
- Marshall, B. and Mancini, F., Major- and minor-element mobilization, with implications for Ni–Cu–Fe–sulphide remobilization, during retrograde metasomatism at the Vammala Mine, southwest Finland 116(3/4): 203–227
 Martel, D.J., see Belshaw, N.S. 112(1/2): 57– 70
- Marty, B. and Lussiez, P., Constraints on rare gas partition coefficients from analysis of olivine–glass from a picritic mid-ocean ridge basalt — Reply (Discussion) 112(1/2): 122–127
 Marty, B., see Trull, T.W. 119(1/4): 191–207
 Marty, B., see Sano, Y. * 119(1/4): 265–274
- Marty, B., Lenoble, M. and Vassard, N., Nitrogen, helium and argon in basalt: a static mass spectrometry study * 120(1/2): 183–195
 Mason, R.A., Effects of heating and prolonged electron bombardment on cathodoluminescence emission from synthetic calcite 111(1/4): 245–260

- Mastalerz, M., Thomson, M.L., Stankiewicz, A., Bustin, R.M. and Sinclair, A.J., A geochemical study of solid bitumen in an Eocene epithermal deposit; Owen Lake, British Columbia, Canada 115(3/4): 249–262
- Masuda, A., see Liu, C.-Q. 114(1/2): 19–42
- Masuda, A., see Lee, S.-G. 114(1/2): 59–67
- Masuda, A., see Makishima, A. 118(1/4): 1–8
- Masuda, A., see Zhang, J. 119(1/4): 225–237
- Mathez, E.A., see Peach, C.L. 117(1/4): 361–377
- Matter, A., see Burns, S.J. * 111(1/4): 269–282
- Maury, R.C., see Fourcade, S. 114(3/4): 199–215
- Maury, R.C., see Cotten, J. 119(1/4): 115–138
- Mayer, L.M., Relationships between mineral surfaces and organic carbon concentrations in soils and sediments (Special Section) 114(3/4): 347–363
- Melnikov, N.N., see Gorokhov, I.M. 112(1/2): 71–89
- Menard, O., see Benedetti, M.F. 118(1/4): 203–220
- Metcalfe, R.V., see Blackburn, W.H. 111(1/4): 177–206
- Metz, P., see Zheng, Y.-F. 116(1/2): 17–27
- Meurer, W., see Braun, K. 113(3/4): 245–257
- Meyers, P.A., see Ho, E.S. 112(3/4): 309–324
- Meyers, P.A., Preservation of elemental and isotopic source identification of sedimentary organic matter (Special Section) 114(3/4): 289–302
- Michard, A., see Dupuy, C. 120(1/2): 15–25
- Michard, G., Viollier, E., Jézéquel, D. and Sarazin, G., Geochemical study of a crater lake: Pavin Lake, France — Identification, location and quantification of the chemical reactions in the lake 115(1/2): 103–115
- Middelburg, J.J., see Eggenkamp, H.G.M. * 116(3/4): 317–325
- Minarik, W., see Skulski, T. 117(1/4): 127–147
- Mogollón, J.L. and Bifano, C., Topography, weather and human activity effects on the behavior of metallic elements in a tropical catchment 114(1/2): 69–82
- Mogollón, J.L., see García, B. 118(1/4): 271–287
- Mook, W.G., see Inoue, H.Y. * 113(1/2): 135–148
- Morgenstern, U., Gellermann, R., Hebert, D., Börner, I., Stolz, W., Vaikmāe, R., Rajamāe, R. and Putnik, H., ³²Si in limestone aquifers 120(1/2): 127–134
- Morra, V., Secchi, F.A. and Assorgia, A., Petrogenetic significance of peralkaline rocks from Cenozoic calc-alkaline volcanism from SW Sardinia, Italy 118(1/4): 109–142
- Morrison, C.A., Lambert, D.D., Morrison, R.J.S., Ahlers, W.W. and Nicholls, I.A., Laser ablation–inductively coupled plasma–mass spectrometry: an investigation of elemental responses and matrix effects in the analysis of geostandard materials 119(1/4): 13–29
- Morrison, R.J.S., see Morrison, C.A. 119(1/4): 13–29
- Mosser, C., see Bellón, A.S. 116(3/4): 229–243
- Muir, R.J., Ireland, T.R., Weaver, S.D. and Bradshaw, J.D., Ion microprobe U–Pb zircon geochronology of granitic magmatism in the Western Province of the South Island, New Zealand * 113(1/2): 171–189
- Mysen, B.O., see Frantz, J.D. 116(3/4): 181–188
- Nagamine, K., Origin and coseismic behavior of mineral spring gas at Byakko, Japan, studied by automated gas chromatographic analyses 114(1/2): 3–17
- Nagao, K., see Sano, Y. * 112(3/4): 327–342
- Nagata, Y., see Ohtani, E. 120(3/4): 207–221
- Näglér, Th.F., Schäfer, H.-J. and Gebauer, D., A new approach for the determination of age of a partial or complete homogenisation of Pb isotopes — Example: anchimetamorphic, detrital sediments of the Central Iberian Zone, Spain — Reply (Discussion) * 112(1/2): 194–195
- Nahon, D., see Benedetti, M.F. 118(1/4): 203–220
- Nahon, D., see Walter, A.-V. 120(1/2): 27–44
- Nakahara, H., see Shinonaga, T. 115(3/4): 213–225
- Nardi, S., Binda, P.L., Baccelle, L.S. and Concheri, G., Amino acids of Proterozoic and Ordovician sulphide-coated grains from western Canada: Record of biologically-mediated pyrite precipitation 111(1/4): 1–15
- Neal, C., see Stanger, G. 112(3/4): 247–254
- Nelsen, T.A., see German, C.R. 119(1/4): 175–190
- Nicholls, I.A., see Morrison, C.A. 119(1/4): 13–29
- Nielsen, R.L., see Hack, P.J. 117(1/4): 89–105
- Nielsen, R.L., see Forsythe, L.M. 117(1/4): 107–126

- Nielsen, R.L., Forsythe, L.M., Gallahan, W.E. and Fisk, M.R., Major- and trace-element magnetite-melt equilibria 117(1/4): 167–191
- Nishimura, S., see Hasebe, N. * 112(1/2): 169–178
- Nishimura, S., see Yamada, R. * 119(1/4): 293–306
- Noack, Y., see Benedetti, M.F. 118(1/4): 203–220
- Norli, H.R., see Greibrokk, T. 116(3/4): 281–299
- O'Neill, H. St.C., Dingwell, D.B., Borisov, A., Spettel, B. and Palme, H., Experimental petrochemistry of some highly siderophile elements at high temperatures, and some implications for core formation and the mantle's early history 120(3/4): 255–273
- O'Nions, R.K., EAG News 111(1/4): 325–326
- O'Nions, R.K., EAG News 120(1/2): 197–198
- O'Nions, R.K., see Cosca, M.A. 112(1/2): 39– 56
- O'Nions, R.K., see Belshaw, N.S. 112(1/2): 57– 70
- O'Nions, R.K., see Tolstikhin, I.N. 115(1/2): 1– 6
- O'Reilly, S.Y., see Ionov, D.A. 120(3/4): 275–294
- Oen, I.S., see Valbracht, P.J. 112(1/2): 21– 37
- Ohtani, E., Nagata, Y., Suzuki, A. and Kato, T., Melting relations of peridotite and the density crossover in planetary mantles 120(3/4): 207–221
- Olsen, S.D., see Greibrokk, T. 116(3/4): 281–299
- Onstott, T.C., see Lo, C.-H. * 114(1/2): 157–178
- Ottolini, L., see Vannucci, R. 118(1/4): 85–108
- Palme, H., see O'Neill, H. St.C. 120(3/4): 255–273
- Palmer, M.R., see German, C.R. 119(1/4): 175–190
- Pande, K., Sarin, M.M., Trivedi, J.R., Krishnaswami, S. and Sharma, K.K., The Indus river system (India-Pakistan): Major-ion chemistry, uranium and strontium isotopes 116(3/4): 245–259
- Pandey, J., see Bhandari, N. 113(1/2): 45– 60
- Pardo, E.S., see Bellón, A.S. 116(3/4): 229–243
- Parron, C., see Walter, A.-V. 120(1/2): 27– 44
- Pe-Piper, G., Lead isotopic compositions of Neogene volcanic rocks from the Aegean extensional area 118(1/4): 27– 41
- Peach, C.L., Mathez, E.A., Keays, R.R. and Reeves, S.J., Experimentally determined sulfide melt-silicate melt partition coefficients for iridium and palladium 117(1/4): 361–377
- Pelchat, J.C., see Hall, G.E.M. 115(1/2): 61– 72
- Pempkowiak, J., see Szefer, P. 120(1/2): 111–126
- Pengxi, Z., see Vengosh, A. 120(1/2): 135–154
- Pereira, M.D., see Bea, F. 117(1/4): 291–312
- Perry, E.C., see Reeve, A.S. 112(1/2): 105–117
- Pflumio, C., Boulègue, J. and Tiercelin, J.-J., Hydrothermal activity in the Northern Tanganyika Rift, East Africa 116(1/2): 85–109
- Pierce, B.S., see Spiker, E.C. 114(1/2): 115–130
- Pillinger, C.T., see Sano, Y. * 112(3/4): 327–342
- Pillinger, C.T., see Boyd, S.R. 116(1/2): 43– 59
- Pin, C., see Poitrasson, F. 112(3/4): 199–219
- Pineau, F., see Boyd, S.R. 116(1/2): 29– 42
- Piper, D.Z., Seawater as the source of minor elements in black shales, phosphorites and other sedimentary rocks 114(1/2): 95–114
- Pirrus, E., see Gorokhov, I.M. 112(1/2): 71– 89
- Plater, A.J., Ivanovich, M. and Dugdale, R.E., ^{226}Ra contents and $^{228}\text{Ra}/^{226}\text{Ra}$ activity ratios of the Fenland rivers and The Wash, eastern England: spatial and seasonal trends * 119(1/4): 275–292
- Platevoet, B., see Poitrasson, F. 112(3/4): 199–219
- Poitrasson, F., Pin, C., Duthou, J.-L. and Platevoet, B., Aluminous subsolvus anorogenic granite genesis in the light of Nd isotopic heterogeneity 112(3/4): 199–219
- Poulson, S.R. and Schoonen, M.A.A., Variations of the oxygen isotope fractionation between NaCO_3 and water due to the presence of NaCl at 100–300°C * 116(3/4): 305–315
- Powell, R., see Coyle, D.A. * 111(1/4): 263–267
- Prikhod'ko, V.S., see Ionov, D.A. 120(3/4): 275–294
- Prusty, B.G., Sahu, K.C. and Godgul, G., Metal contamination due to mining and milling activities at the Zawar zinc mine, Rajasthan, India: 1. Contamination of stream sediments 112(3/4): 275–291
- Prusty, B.G., see Sahu, K.C. 112(3/4): 293–307

- Puechmaille, C., Mg, Sr and Na fluctuations in the test of modern and recent *Globigerina bulloides* 116(1/2): 147–152
- Putnik, H., see Morgenstern, U. 120(1/2): 127–134
- Pyle, D.G., see Mahoney, J.J. 120(3/4): 315–345
- Qian, Y., see Macko, S.A. 114(3/4): 365–379
- Qiu, J., see Li, S. * 112(3/4): 343–350
- Quade, J., see Bird, M.I. * 114(3/4): 269–279
- Quinby-Hunt, M.S. and Wilde, P., Thermodynamic zonation in the black shale facies based on iron-manganese-vanadium content 113(3/4): 297–317
- Raczek, I., see Hémond, C. 116(3/4): 163–180
- Raczek, I., see Hémond, C. 120(1/2): 171
- Ragland, P.C., see Blackburn, W.H. 111(1/4): 177–206
- Raisbeck, G.M., see Trull, T.W. 119(1/4): 191–207
- Raiswell, R., Canfield, D.E. and Berner, R.A., A comparison of iron extraction methods for the determination of degree of pyritisation and the recognition of iron-limited pyrite formation 111(1/4): 101–110
- Rajamäe, R., see Morgenstern, U. 120(1/2): 127–134
- Rammensee, W., see Roselieb, K. 120(1/2): 1–14
- Rassios, A., see Valsami, E. 114(3/4): 235–266
- Reeve, A.S. and Perry, E.C., Carbonate geochemistry and the concentrations of aqueous Mg^{2+} , Sr^{2+} and Ca^{2+} : Western north coast of the Yucatan, Mexico 112(1/2): 105–117
- Reeves, S.J., see Peach, C.L. 117(1/4): 361–377
- Rehkämper, M., A new low-level HPLC technique for quantitative determination of niobium in rocks 113(1/2): 61–69
- Rehkämper, M., A highly sensitive HPLC method for the determination of Th and U concentrations in geological samples 119(1/4): 1–12
- Reimer, G.M., *Soil Gas and Related Methods for Natural Resources Exploration* by R.W. Klusman (Book Review) 115(3/4): 335
- Rhodes, M.J., see Hémond, C. 116(3/4): 163–180
- Rhodes, M.J., see Hémond, C. 120(1/2): 171
- Robinson, C., Lago Grande di Monticchio, southern Italy: a long record of environmental change illustrated by sediment geochemistry 118(1/4): 235–254
- Roddick, J.C. and Bevier, M.L., U–Pb dating of granites with inherited zircon: Conventional and ion microprobe results from two Paleozoic plutons, Canadian Appalachians * 119(1/4): 307–329
- Rogers, N.W. and Setterfield, T.N., Potassium and incompatible-element enrichment in shoshonitic lavas from the Tavua volcano, Fiji 118(1/4): 43–62
- Rojas, A., see García, B. 118(1/4): 271–287
- Ronen, D., see Freedman, Y.E. 116(1/2): 111–121
- Roquin, C., see Bellón, A.S. 116(3/4): 229–243
- Rose, T.P., Criss, R.E. and Rossman, G.R., Irradiative coloration of quartz and feldspars with application to preparing high-purity mineral separates (Technical Note) * 114(1/2): 185–189
- Roselieb, K., Rammensee, W., Büttner, H. and Rosenhauer, M., Diffusion of noble gases in melts of the system SiO_2 – $NaAlSi_3O_8$ 120(1/2): 1–14
- Rosenhauer, M., see Roselieb, K. 120(1/2): 1–14
- Rossi, Ph., see Cocherie, A. 115(3/4): 173–211
- Rossman, G.R., see Rose, T.P. * 114(1/2): 185–189
- Sahu, K.C., see Prusty, B.G. 112(3/4): 275–291
- Sahu, K.C., Prusty, B.G. and Godgul, G., Metal contamination due to mining and milling activities at the Zawar zinc mine, Rajasthan, India: 2. Dispersion in floodplain soils of stream 112(3/4): 293–307
- Salters, V.J.M., see Mahoney, J.J. 120(3/4): 315–345
- Sano, Y., Nagao, K. and Pillinger, C.T., Carbon and noble gases in Archean chert * 112(3/4): 327–342
- Sano, Y. and Marty, B., Origin of carbon in fumarolic gas from island arcs * 119(1/4): 265–274
- Sarazin, G., see Michard, G. 115(1/2): 103–115
- Sarazin, G., see Gassama, N. 118(1/4): 221–233
- Sarin, M.M., see Pande, K. 116(3/4): 245–259
- Satir, M., see Zheng, Y.-F. 116(1/2): 17–27
- Schaaf, P., Heinrich, W. and Besch, T., Composition and Sm–Nd isotopic data of the lower crust beneath San Luis Potosí, central Mexico: Evidence from a granulite-facies xenolith suite 118(1/4): 63–84
- Schäfer, H.-J., see Nägler, Th.F. * 112(1/2): 194–195

- Schnetger, B., Partial melting during the evolution of the amphibolite- to granulite-facies gneisses of the Ivrea Zone, northern Italy 113(1/2): 71–101
- Schoenau, J.J., see Van Stempvoort, D.R. 111(1/4): 35– 56
- Schofield, P.F., see Kohn, S.C. 117(1/4): 73– 87
- Scholten, J., see Stüben, D. 113(3/4): 273–296
- Schoonen, M.A.A., see Poulson, S.R. * 116(3/4): 305–315
- Schramm, J., see Klemm, R. 119(1/4): 101–113
- Secchi, F.A., see Morra, V. 118(1/4): 109–142
- Seifert, F.A., see Knoche, R. 116(1/2): 1– 16
- Setterfield, T.N., see Rogers, N.W. 118(1/4): 43– 62
- Sharma, K.K., see Pande, K. 116(3/4): 245–259
- Sharp, Z.D., see Zheng, Y.-F. 116(1/2): 17– 27
- Shibata, K., Kaneoka, I. and Uchiyumi, S., $^{40}\text{Ar}/^{39}\text{Ar}$ analysis of K-feldspars from Cretaceous granitic rocks in Japan: Significance of perthitization in Ar loss * 115(3/4): 297–306
- Shimizu, N., see Blusztajn, J. 111(1/4): 227–243
- Shinonaga, T., Ebihara, M., Nakahara, H., Tomura, K. and Heumann, K.G., Cl, Br and I in igneous standard rocks 115(3/4): 213–225
- Shirey, S., see McDonough, W.F. 120(3/4): iii– iv
- Shotyk, W. and Steinmann, P., Pore-water indicators of rainwater-dominated versus groundwater-dominated peat bog profiles (Jura Mountains, Switzerland) 116(1/2): 137–146
- Shtuka, A., see Dubois, M. 115(3/4): 227–238
- Shukla, P.N., see Bhandari, N. 113(1/2): 45– 60
- Sie, S., see Vicenzi, E. 117(1/4): 355–360
- Siewers, U., *The Geochemical Atlas of Finland — Part 2: Till T. Koljonen (Editor) (Book Review)* 113(3/4): 377–378
- Simon, N.S., Demas, C. and d'Angelo, W., Geochemistry and solid-phase association of chromium in sediment from the Calcasieu River and estuary, Louisiana, U.S.A. 116(1/2): 123–135
- Simoneit, B.R.T., see Wang, T.-G. 120(1/2): 155–170
- Sinclair, A.J., see Mastalerz, M. 115(3/4): 249–262
- Sisson, T.W., Hornblende-melt trace-element partitioning measured by ion microprobe 117(1/4): 331–344
- Skulski, T., Minarik, W. and Watson, B.E., High-pressure experimental trace-element partitioning between clinopyroxene and basaltic melts 117(1/4): 127–147
- Smith, C.B., Clark, T.C., Barton, E.S. and Bristow, J.W., Emplacement ages of kimberlite occurrences in the Prieska region, southwest border of the Kaapvaal Craton, South Africa * 113(1/2): 149–169
- Smith, J.V., see Dawson, J.B. 117(1/4): 285–290
- Somerfield, C., see Atkin, B.P. 111(1/4): 131–134
- Spettel, B., see O'Neill, H. St.C. 120(3/4): 255–273
- Spiker, E.C., Pierce, B.S., Bates, A.L. and Stanton, R.W., Isotopic evidence for the source of sulfur in the Upper Freeport coal bed (west-central Pennsylvania, U.S.A.) 114(1/2): 115–130
- Spivack, A.J. and Staudigel, H., Low-temperature alteration of the upper oceanic crust and the alkalinity budget of seawater 115(3/4): 239–247
- Stamatakis, M.G., see Hall, A. 118(1/4): 173–183
- Stanger, G. and Neal, C., The occurrence and chemistry of huntite from Oman 112(3/4): 247–254
- Stankiewicz, A., see Mastalerz, M. 115(3/4): 249–262
- Stanton, R.W., see Spiker, E.C. 114(1/2): 115–130
- Starinsky, A., see Vengosh, A. 120(1/2): 135–154
- Staudigel, H., see Spivack, A.J. 115(3/4): 239–247
- Steele, I.M., see Dawson, J.B. 117(1/4): 285–290
- Steinmann, P., see Shotyk, W. 116(1/2): 137–146
- Stimac, J. and Hickmott, D., Trace-element partition coefficients for ilmenite, orthopyroxene and pyrrhotite in rhyolite determined by micro-PIXE analysis 117(1/4): 313–330
- Stoddart, D.P., see Farrimond, P. 111(1/4): 17– 33
- Stoffers, P., see Stüben, D. 113(3/4): 273–296
- Stoffers, P. and Botz, R., Formation of hydrothermal carbonate in Lake Tanganyika, East-Central Africa ... 115(1/2): 117–122
- Stolz, W., see Morgenstern, U. 120(1/2): 127–134
- Stroh, A., see Bea, F. 117(1/4): 291–312
- Stüben, D., Taihi, E.N., McMurtry, G.M., Scholten, J., Stoffers, P. and Zhang, D., Growth history of a hydrothermal silica chimney from the Mariana backarc spreading center (southwest Pacific, 18°13'N) ... 113(3/4): 273–296
- Sun, S.-s., see McDonough, W.F. 120(3/4): 223–253
- Sun, S.-s., see Chung, S.-L. 112(1/2): 1– 20
- Sureau, J.F., see Bertrand, C. 116(3/4): 189–202

- Suzuki, A., see Ohtani, E. 120(3/4): 207–221
- Swaine, D.J., see Goodarzi, F. 118(1/4): 301–318
- Szefer, P., Glasby, G.P., Pempkowiak, J. and Kaliszan, R., Extraction studies of heavy-metal pollutants in surficial sediments from the southern Baltic Sea off Poland 120(1/2): 111–126
- Tagami, T., see Hasebe, N. * 112(1/2): 169–178
- Tagami, T., see Hasebe, N. * 114(3/4): 281
- Tagami, T., see Yamada, R. * 119(1/4): 293–306
- Taibi, E.N., see Stüben, D. 113(3/4): 273–296
- Takahashi, K., see Zhang, J. 119(1/4): 225–237
- Tardieu, F., see Bariac, T. * 115(3/4): 307–315
- Tardy, Y., *Introduction to the Petrology of Soils and Chemical Weathering* by D. Nahon (Book Review) 115(3/4): 336–337
- Taylor, S.R., *Geology of the Otago Schist and Adjacent Rocks, Scale 1:500,000* by N. Mortimer (Book Review) 115(1/2): 171–172
- Tessier, D., see Bariac, T. * 115(3/4): 307–315
- Thomson, M.L., see Mastalerz, M. 115(3/4): 249–262
- Thorseth, I.H., Furnes, H. and Tumyr, O., Textural and chemical effects of bacterial activity on basaltic glass: an experimental approach 119(1/4): 139–160
- Tiercelin, J.-J., see Pflumio, C. 116(1/2): 85–109
- Todt, W., see Arndt, N.T. 118(1/4): 9–26
- Tolstikhin, I.N. and O'Nions, R.K., The Earth's missing xenon: A combination of early degassing and of rare gas loss from the atmosphere (Letter Section) 115(1/2): 1–6
- Tomura, K., see Shinonaga, T. 115(3/4): 213–225
- Tornos, F., see Galindo, C. * 112(3/4): 351–364
- Torres-Ruiz, J., López-Galindo, A., González-López, J.M. and Delgado, A., Geochemistry of Spanish sepiolite-palygorskite deposits: Genetic considerations based on trace elements and isotopes 112(3/4): 221–245
- Tremblay, A., Lafleche, M.R., McNutt, R.H. and Bergeron, M., Petrogenesis of Cambro-Ordovician subduction-related granitic magmas of the Québec Appalachians, Canada 113(3/4): 205–220
- Trivedi, J.R., see Pande, K. 116(3/4): 245–259
- Trull, T.W., Brown, E.T., Marty, B., Raisbeck, G.M. and Yiou, F., Cosmogenic ^{10}Be and ^3He accumulation in Pleistocene beach terraces in Death Valley, California, U.S.A.: Implications for cosmic-ray exposure dating of young surfaces in hot climates 119(1/4): 191–207
- Tu, K., see Chung, S.-L. 112(1/2): 1–20
- Tumyr, O., see Thorseth, I.H. 119(1/4): 139–160
- Turchenko, T.L., see Gorokhov, I.M. 112(1/2): 71–89
- Turner, S. and Hawkesworth, C., The nature of the sub-continental mantle: constraints from the major-element composition of continental flood basalts 120(3/4): 295–314
- Uchiumi, S., see Shibata, K. * 115(3/4): 297–306
- Urrutia, M.M. and Beveridge, T.J., Formation of fine-grained metal and silicate precipitates on a bacterial surface (*Bacillus subtilis*) 116(3/4): 261–280
- Vaikmäe, R., see Morgenstern, U. 120(1/2): 127–134
- Vaive, J.E., see Hall, G.E.M. 120(1/2): 91–109
- Valbracht, P.J., Oen, I.S. and Beunk, F.F., Sm–Nd isotope systematics of 1.9–1.8-Ga granites from western Bergslagen, Sweden: inferences on a 2.1–2.0-Ga crustal precursor 112(1/2): 21–37
- Valsami, E., Cann, J.R. and Rassios, A., The mineralogy and geochemistry of a hydrothermal alteration pipe in the Othris ophiolite, Greece 114(3/4): 235–266
- van Calsteren, P., see Huang, Y.-M. 119(1/4): 79–99
- Van der Laan, S.R., see Foley, S.F. 117(1/4): vii–xiv
- Van Stempvoort, D.R., James Hendry, M., Schoenau, J.J. and Krouse, H.R., Sources and dynamics of sulfur in weathered till, Western Glaciated Plains of North America 111(1/4): 35–56
- Vannucci, R., Ottolini, L., Bottazzi, P., Downes, H. and Dupuy, C., INAA, IDMS and SIMS comparative REE investigations of clinopyroxenes from mantle xenoliths with different textures 118(1/4): 85–108
- Vassard, N., see Marty, B. * 120(1/2): 183–195
- Vengosh, A., Chivas, A.R., Starinsky, A., Kolodny, Y., Baozhen, Z. and Pengxi, Z., Chemical and boron isotope compositions of non-marine brines from the Qaidam Basin, Qinghai, China 120(1/2): 135–154
- Vicenzi, E., Green, T. and Sie, S., Effect of oxygen fugacity on trace-element partitioning between immiscible silicate melts at atmospheric pressure: A proton and electron microprobe study 117(1/4): 355–360
- Vidal, Ph., see Cocherie, A. 115(3/4): 173–211
- Viollier, E., see Michard, G. 115(1/2): 103–115

- Volker, F., see Class, C. 113(1/2): 1–22
- Wagner, T.P., see Hauri, E.H. 117(1/4): 149–166
- Waldron, K.A., *Defects and Processes in the Solid State: Geoscience Applications (The McLaren Volume)* by J.N. Boland and J.D. Fitz Gerald (Editors) (Book Review) 119(1/4): 331–332
- Walker, G.R., Woods, P.H. and Allison, G.B., Interlaboratory comparison of methods to determine the stable isotope composition of soil water * 111(1/4): 297–306
- Walsh, J.N., see Hall, A. 118(1/4): 173–183
- Walter, A.-V., Flicoteaux, R., Parron, C., Loubet, M. and Nahon, D., Rare-earth elements and isotopes (Sr, Nd, O, C) in minerals from the Juquía carbonatite (Brazil): tracers of a multistage evolution 120(1/2): 27–44
- Wang, J.H., see Zhang, J. 114(1/2): 83–94
- Wang, S., see Li, S. * 112(3/4): 343–350
- Wang, T.-G. and Simoneit, B.R.T., Tricyclic terpanes in Precambrian bituminous sandstone from the eastern Yanshan region, North China 120(1/2): 155–170
- Wang, Y., see Yui, T.-F. 118(1/4): 185–202
- Warton, B., see Alexander, R. 113(1/2): 103–115
- Wasserburg, G.J., see Kennedy, A.K. 117(1/4): 379–390
- Watson, B.E., see Skulski, T. 117(1/4): 127–147
- Weaver, S.D., see Muir, R.J. * 113(1/2): 171–189
- Webb, S.L., see Knoche, R. 116(1/2): 1–16
- Webster, J.G., Trace-metal behaviour in oxic and anoxic Ca–Cl brines of the Wright Valley drainage, Antarctica 112(3/4): 255–273
- Weisbrod, A., see Dubois, M. 115(3/4): 227–238
- Wendt, I., A new approach for the determination of age of a partial or complete homogenisation of Pb isotopes — Example: anchimetamorphic, detrital sediments of the Central Iberian Zone, Spain — Comments (Discussion) * 112(1/2): 193–194
- Wernicke, R.S., see Lippolt, H.J. * 112(1/2): 179–191
- Whitehead, R.E., see Davies, J.F. 111(1/4): 85–100
- Whitehouse, M.J., see Andersen, T. * 116(3/4): 327–343
- Wilde, P., see Quinby-Hunt, M.S. 113(3/4): 297–317
- Williams-Jones, A.E., see Wood, S.A. 115(1/2): 47–60
- Witt-Eickchen, G. and Harte, B., Distribution of trace elements between amphibole and clinopyroxene from mantle peridotites of the Eifel (western Germany): An ion-microprobe study 117(1/4): 235–250
- Wood, S.A. and Williams-Jones, A.E., The aqueous geochemistry of the rare-earth elements and yttrium 4. Monazite solubility and REE mobility in exhalative massive sulfide-depositing environments 115(1/2): 47–60
- Woods, P.H., see Walker, G.R. * 111(1/4): 297–306
- Wray, D.S., Origin of clay-rich beds in Turonian chalks from Lower Saxony, Germany — a rare-earth element study 119(1/4): 161–173
- Wu, T.-W., see Yui, T.-F. 118(1/4): 185–202
- Wushiki, H., see Zhang, J. 119(1/4): 225–237
- Xie, G.-H., see Liu, C.-Q. 114(1/2): 19–42
- Xiong, J.-M., see Zhang, J. 119(1/4): 225–237
- Yabuki, S., see Zhang, J. 119(1/4): 225–237
- Yamada, R., Tagami, T. and Nishimura, S., Confined fission-track length measurement of zircon: assessment of factors affecting the paleotemperature estimate * 119(1/4): 293–306
- Yardley, B.W.D., see Banks, D.A. 113(3/4): 259–272
- Yiou, F., see Trull, T.W. 119(1/4): 191–207
- Younger, P.L., see Elliot, T. 114(1/2): 131–136
- Yui, T.-F., Wu, T.-W., Wang, Y., Lo, C.-H. and Lu, C.-Y., Evidence for submarine weathering from metamorphosed weathering profiles on basaltic rocks, Tananao Metamorphic Complex, Taiwan 118(1/4): 185–202
- Zerr, A., see Boehler, R. 120(3/4): 199–205
- Zhang, D., see Stüben, D. 113(3/4): 273–296
- Zhang, J., Huang, W.W. and Wang, J.H., Trace-metal chemistry of the Huanghe (Yellow River), China — Examination of the data from in situ measurements and laboratory approach 114(1/2): 83–94
- Zhang, J., Takahashi, K., Wushiki, H., Yabuki, S., Xiong, J.-M. and Masuda, A., Water geochemistry of the rivers around the Taklimakan Desert (NW China): Crustal weathering and evaporation processes in arid land 119(1/4): 225–237

- Zhang, Z., see Li, S. * 112(3/4): 343-350
- Zheng, Y.-F., Metz, P., Satir, M. and Sharp, Z.D., An experimental calibration of oxygen isotope fractionation
between calcite and forsterite in the presence of a CO₂-H₂O fluid 116(1/2): 17- 27
- Zhou, H., see Li, S. * 112(3/4): 343-350
- Zhou, M.-F., PGE distribution in 2.7-Ga layered komatiite flows from the Belingwe greenstone belt,
Zimbabwe 118(1/4): 155-172

Year of Publication of Each Volume

111-118	1994
119, 120	1995

